| Inde | ex of Cl | aims |
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| Α | ppl | ication | /Control | No. |
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09/986,602 Examiner

Thai D. Hoang

| Applicant(s) | /Patent | under |
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| Reexaminat   | ion     |       |

LE ET AL.

Art Unit

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Restricted

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| C1/      | aim      | Τ-       |   |              | -        | )ate            |          |                 |                |          | ١.   | Ci          | im       | г               |          |              | _       | ntc.    |  |                |                 | ]: .[        |                   | - i        |          |        |              | <u> </u>        |          |               |              |          |
|----------|----------|----------|---|--------------|----------|-----------------|----------|-----------------|----------------|----------|------|-------------|----------|-----------------|----------|--------------|---------|---------|--|----------------|-----------------|--------------|-------------------|------------|----------|--------|--------------|-----------------|----------|---------------|--------------|----------|
| _ 016    | 1        | ├        | Т   | $\neg$       |          | Date Claim Date |          |                 |                |          |      |             |          |                 |          |              |         | Cla     | aim                                    | Date           |                 |              |                   |            |          |        |              |                 |          |               |              |          |
| Final    | Original | 10/19/05 |   |              |          |                 |          |                 |                |          |      | Final       | Original | 10/19/05        |          |              |         |         |  |                |                 |              | Final             | Original   |          |        |              |                 |          |               |              |          |
|          | 1        | С        |   |              |          |                 |          | T               |                |          | 1    |             | 51       | +               |          |              | 寸       | 十       | 1                                      |                |                 |              |                   | 101        |          |        | T            | T               |          | П             | $\dashv$     |          |
|          | 2        | С        |   |              |          |                 |          |                 |                | _        | 1    |             | 52       | +               |          | T            |         | $\neg$  | $\top$                                 |                |                 | \$7          |                   | 102        |          |        | $\top$       |                 |          | П             | $\dashv$     |          |
|          | 3        | С        |   | $\Box$       |          |                 |          |                 |                |          | 1    |             | 53       | +               |          | ╗            | 1       |         | 1                                      |                |                 |              |                   | 103        |          |        | T            |                 |          | $\Box$        | $\neg$       |          |
|          | 4        | С        |   |              |          |                 |          |                 |                |          | ]    |             | 54       | +               |          |              |         | 1       | 1                                      |                |                 |              |                   | 104        |          | $\top$ | T            |                 |          | П             | 寸            |          |
|          | 5        | С        |   | $\Box$       |          |                 |          |                 |                |          | ]    |             | 55       |                 |          |              |         |         | T                                      |                |                 | 3            |                   | 105        |          | 1      | 1            |                 | П        | П             | $\neg$       |          |
|          | 6        | С        |   | $\sqcup$     |          |                 |          |                 |                |          | ]    |             | 56       |                 |          | $\Box$       |         |         |  |                |                 |              |                   | 106        |          | $\top$ |              |                 |          | П             | $\neg$       | $\neg$   |
| <u> </u> | 7        | С        |   |              |          |                 |          |                 |                |          | ]    |             | 57       |                 |          | $\Box$       |         |         |  |                |                 |              |                   | 107        |          |        |              |                 |          | $\Box$        | ᄀ            |          |
| <u> </u> | 8        | С        | Ш   | _            |          |                 |          | <u> </u>        |                |          |      |             | 58       |                 |          |              |         |         |  |                |                 |              |                   | 108        |          |        |              |                 |          | П             | $\neg$       |          |
| <u></u>  | 9        | С        | Ш   |              |          |                 |          |                 |                |          |      | L           | 59       |                 |          |              |         |         |  |                |                 |              |                   | 109        |          |        |              |                 |          |               | П            |          |
|          | 10       | С        |   | _            |          |                 |          | L               |                |          |      |             | 60       |                 |          |              |         |         |  |                |                 | 3.<br>2.5    |                   | 110        |          |        |              |                 |          | П             | $\neg$       |          |
|          | 11       | С        | Ц.  | 4            |          |                 | L        | <u>_</u>        | L              |          |      |             | 61       | L               |          |              |         |         |  |                |                 |              |                   | 111        |          |        |              |                 |          |               | コ            |          |
|          | 12       | C        | $\sqcup \bot$   | $\downarrow$ |          | Ш               | <u> </u> | $oxed{oxed}$    | <u> </u>       |          |      |             | 62       |                 |          |              | $\perp$ | $\perp$ |  | ļ              |                 | N.           |                   | 112        |          |        |              |                 |          |               |              |          |
| ļ        | 13       | C        | $\vdash \downarrow$   | _            | _        |                 | <u> </u> | <u> </u>        | <u> </u>       |          |      |             | 63       | igsquare        |          |              | $\perp$ | Ţ       | 1                                      | L              | $oxed{\Box}$    |              |                   | 113        |          |        |              |                 |          |               |              |          |
|          | 14       | С        |   | $\bot$       |          |                 |          |                 |                |          |      |             | 64       |                 |          |              |         | ┸       |  |                |                 | eri<br>saita |                   | 114        |          |        |              |                 |          |               |              |          |
|          | 15       | С        | $\sqcup$  |              |          |                 |          | _               | _              |          | . "  |             | 65       |                 |          |              |         |         |  | _              |                 |              |                   | 115        |          |        |              |                 |          |               |              |          |
|          | 16       | С        | $\sqcup$  | _            | _        |                 |          | $oxed{oxed}$    |                |          |      | <u></u>     | 66       |                 |          | _            | $\perp$ |         | ┸                                      |                |                 |              |                   | 116        |          |        |              |                 |          |               |              |          |
|          | 17       | С        |   | 1            | _        |                 |          | <u> </u>        | _              |          |      |             | 67       |                 |          |              | $\perp$ | ┸       |  |                |                 | -            |                   | 117        |          |        |              |                 |          |               |              |          |
|          | 18       | С        | Ш   | _            |          |                 |          | _               |                |          |      |             | 68       | Щ               |          |              | $\perp$ | $\perp$ |  |                |                 | faq.         |                   | 118        |          |        | 1            |                 |          |               |              |          |
|          | 19       | С        | $\sqcup$  | _            | _        |                 |          | L               |                |          | ļ    |             | 69       | Ш               |          |              | $\perp$ |         |  |                |                 |              |                   | 119        |          |        |              |                 |          |               |              |          |
|          | 20       | С        | $\sqcup$  | 4            | _        |                 |          | Ш               | _              |          |      |             | 70       |                 |          |              | $\perp$ |         | ┸                                      |                |                 |              |                   | 120        |          |        |              |                 |          |               | $\Box$       |          |
|          | 21       | С        | $\perp$   | 4            | _        |                 |          |                 | L              |          |      |             | 71       | Щ               | _        | $\perp$      | $\perp$ |         | $\perp$                                |                |                 | 4 -          |                   | 121        |          |        |              |                 |          |               | $\Box$       |          |
|          | 22       | С        | $\sqcup \bot$   | 4            |          |                 |          |                 |                |          |      |             | 72       |                 |          | $\perp$      |         | $\perp$ | $\perp$                                |                | Ш               | 3,           |                   | 122        |          |        |              |                 |          |               | $\Box$       |          |
|          | 23       | С        | $\vdash \downarrow$   | 4            | _        | _               |          |                 |                |          |      |             | 73       | Ш               |          |              | _       | _       | ļ                                      | _              | Ш               |              |                   | 123        |          |        |              | L               |          |               |              |          |
|          | 24       | C        | $\vdash$  | -+           | _        | _               |          | -               |                |          | -    |             | 74       | Ш               |          | _            | 4       | 4       | 1                                      | <del> </del> _ | Ш               | 4            |                   | 124        | _        |        | Ш            | L               |          | Ц             | ┙            |          |
|          | 25       | C        | <b>├</b> ─┼   | $\dashv$     | _        | _               |          | <u> </u>        |                |          |      |             | 75       | Ш               |          | 4            | 1       | $\bot$  | ــــــــــــــــــــــــــــــــــــــ | _              |                 |              |                   | 125        |          | $\bot$ |              |                 |          | $\Box$        | $\sqcup$     |          |
|          | 26       | C        |   | $\dashv$     | -        | _               |          |                 | _              |          |      |             | 76       |                 | _        | $\downarrow$ | 4       |         | 4                                      | —              | Щ               |              |                   | 126        |          | Щ.     | L            |                 |          | $\Box$        | ᆜ            | _        |
|          | 27       | С        | $\vdash$  | +            |          | _               |          |                 | _              |          |      |             | 77       |                 | _        | _            | _       | _       | ↓_                                     | _              |                 | -            |                   | 127        |          |        | ļ            |                 |          | $\dashv$      | _            |          |
|          | 28       | +        | $\vdash \!$ | +            | $\dashv$ | _               |          | _               |                |          |      |             | 78       |                 | $\dashv$ | -            | 4       | _       | ┼-                                     |                |                 | 1            |                   | 128        | _        | _      | <u> </u>     |                 | Ш        | $\dashv$      |              |          |
|          | 29       | +        | $\vdash$  | +            | -        | $\dashv$        |          | Н               | _              | _        |      | <u> </u>    | 79       |                 |          | _            | $\perp$ | +       | -                                      | _              | Ш               |              | $\longrightarrow$ | 129        |          |        | <u> </u>     |                 | $\Box$   | $\perp$       | _            |          |
|          | 30<br>31 | +        | $\vdash$  | +            | -        |                 |          | -               | _              | -        |      |             | 80       |                 | -        | +            | -       |         | ╀                                      | +              | Щ               |              |                   | 130        |          |        | ┺            |                 |          | $\rightarrow$ | _            | _        |
|          | 32       | +        | $\vdash$  | +            | -        | -               | -        | Н               | Н              | _        | ,    |             | 81       |                 | $\dashv$ |              | +       | +       | +                                      | +-             | Щ               | 10           |                   | 131        | Щ.       |        | 1            | <u> </u>        | _        |               | 4            | _        |
|          | 33       | ÷        | $\vdash$  | +            | $\dashv$ |                 | _        |                 | Н              |          |      |             | 82<br>83 | $\vdash \vdash$ | -        | +            | +       | +       | +                                      | +-             | $\vdash$        | ŀ            |                   | 132        |          | +      | <del> </del> | Ш               |          | $\dashv$      | 4            |          |
|          | 34       | +        |   | +            | -        | $\dashv$        | _        | H               |                | -        | L.   | <b></b>     | 84       | $\vdash \vdash$ | $\dashv$ | +            | +       | +       | +                                      | +-             | Н               |              |                   | 133        | -        | +-     | $\vdash$     | $\vdash$        | <b></b>  | $\dashv$      | $\dashv$     | _        |
|          | 35       | +        | $\vdash$  | +            | $\dashv$ | $\dashv$        |          | $\vdash \vdash$ | $\vdash\vdash$ | -        |      |             | 85       | $\vdash$        | $\dashv$ | +            | +       | +       | +                                      | ╁              | $\vdash$        | -            |                   | 134        | -        | +      | ├            | $\vdash$        | $\sqcup$ | $\dashv$      | <del> </del> |          |
|          | 36       | +        | +   | +            | ┥        | $\dashv$        |          | $\vdash$        | -              | -        | 21   | <del></del> | 86       | $\vdash$        | +        | +            | +       |         | +-                                     | +              | $\vdash \vdash$ | 2.           |                   | 135        | $\dashv$ | +      | ┼            | Н               | $\sqcup$ | -+            | -+           |          |
|          | 37       | ÷        | <del>                                     </del>                                  | +            | $\dashv$ | $\dashv$        | -        | $\vdash$        | $\vdash$       | $\dashv$ | 42.1 | $\vdash$    | 87       | $\vdash \vdash$ | $\dashv$ | +            | +       | +       | +                                      | +              | $\vdash \vdash$ | -            | -+                | 136        | $\dashv$ | +      | ├            | $\vdash$        | $\dashv$ | $\dashv$      | -            |          |
|          | 38       | +        | $\vdash \vdash$   | +            | $\dashv$ |                 |          | $\vdash$        |                | $\dashv$ |      | $\vdash$    | 88       | $\vdash$        | +        | +            | +       | +       | ╁                                      | +              | Н               |              |                   | 137<br>138 |          | +-     | ⊢            | $\vdash$        | $\dashv$ | $\dashv$      | -            | $\dashv$ |
|          | 39       | +        | $\vdash$  | +            | +        | $\dashv$        | =        | Н               |                | -        |      | $\vdash$    | 89       | $\vdash$        | +        | +            | ┰       | +       | +                                      | +              | $\vdash$        | -            |                   | 139        | +        | +      | $\vdash$     | Н               | _        | $\dashv$      | $\dashv$     |          |
|          | 40       | +        | $\vdash$  | +            | $\dashv$ | $\dashv$        | $\dashv$ | Н               | -              | $\dashv$ |      |             | 90       | $\vdash$        | $\dashv$ | +            | +       | +       | +                                      | +              | $\vdash \vdash$ | -            |                   | 140        | +        | +      | +-           | Н               | $\dashv$ | $\dashv$      | $\dashv$     | ᅴ        |
|          | 41       | +        |   | +            | $\dashv$ | +               | $\dashv$ | Н               | $\vdash$       | $\dashv$ |      |             | 91       | $\vdash$        | $\dashv$ | +            | +       | +       | ╁                                      | ╁╴             | $\vdash\vdash$  | - }          |                   | 141        | +        | -      | $\vdash$     | $\vdash$        |          | $\dashv$      | $\dashv$     |          |
|          | 42       | +        | -   | +            | $\dashv$ | $\dashv$        | $\dashv$ | $\vdash$        | $\vdash$       | ᅱ        |      | $\vdash$    | 92       |                 | $\dashv$ | -            | +       | +       | +                                      | +              | Н               | -            |                   | 142        |          | +      | -            | $\vdash$        | -        | $\dashv$      | $\dashv$     |          |
| -        | 43       | +        | $\vdash$  | +            | $\dashv$ | -1              |          | $\vdash$        | $\dashv$       | $\dashv$ |      |             | 93       | $\dashv$        | $\dashv$ | $\dashv$     | +       | +       | +                                      | +              | Н               | 1            |                   | 143        |          | +      | -            | Н               | -        | $\dashv$      | $\dashv$     | $\dashv$ |
|          | 44       | +        | -   | +            | $\dashv$ | $\dashv$        | $\dashv$ | $\vdash$        | $\dashv$       | $\dashv$ | ŧ.   |             | 94       | $\dashv$        | $\dashv$ | ╁            | +       | +       | +                                      | +              | $\vdash \vdash$ |              | $\dashv$          | 144        | +        | +      | +-           | $\vdash$        | $\dashv$ | $\dashv$      | $\dashv$     | $\dashv$ |
|          | 45       | +        |   | +            | +        | 十               | $\dashv$ | $\vdash$        | $\dashv$       | $\dashv$ |      |             | 95       |                 | 十        | +            | +       | +       | +-                                     | +              | $\dashv$        | -            |                   | 145        | +        | +-     | -            | $\vdash$        | $\dashv$ | $\dashv$      | $\dashv$     | $\dashv$ |
|          | 46       | +        | $\vdash$  | +            | $\dashv$ | $\dashv$        | $\dashv$ | $\vdash$        |                | $\dashv$ |      |             | 96       | -1              | $\dashv$ | $\dashv$     | +       | +       | +-                                     | $\vdash$       | $\vdash$        | ŀ            |                   | 146        |          | +      | $\vdash$     | $\vdash$        | -+       | +             | $\dashv$     | ᅱ        |
|          | 47       | +        | $\vdash$  | $\dagger$    | 7        | 十               |          |                 | 一              | $\dashv$ | ٠    | $\vdash$    | 97       |                 | $\dashv$ | +            | +       | +       | +                                      | $\vdash$       | $\vdash$        | ŀ            |                   | 147        | $\dashv$ | +-     | $\vdash$     |                 | $\dashv$ | +             | $\dashv$     | $\dashv$ |
| - 1      | 48       | +        | $\vdash$  | $\dagger$    | $\dashv$ | +               |          | H               | -              | $\dashv$ |      |             | 98       | $\dashv$        | $\dashv$ | +            | +       | +       | +                                      | $\vdash$       | $\vdash$        | H            | +                 | 148        | -        | +      | $\vdash$     | $\vdash$        |          | +             | $\dashv$     | $\dashv$ |
|          | 49       | +        |   | 1            | $\dashv$ | $\dashv$        |          | $\Box$          |                | ᅥ        |      |             | 99       | $\dashv$        | $\neg +$ | +            | +       | +       | t                                      | $\vdash$       | H               | 1            |                   | 149        | -        | +      | $\vdash$     | $\vdash$        | $\dashv$ | +             | +            | $\dashv$ |
|          | 50       | +        |   | 1            | 7        |                 |          |                 | $\neg$         |          | -    |             | 100      | -               | $\dashv$ | +            | +       | +       | T                                      | $\vdash$       | Н               | H            |                   | 150        |          | +      | $\vdash$     | $\vdash \vdash$ | $\dashv$ | $\dashv$      | $\dashv$     | $\dashv$ |
|          |          |          |   |              | _        |                 |          | 1               |                |          | 1    |             | . 55     | 1               |          |              |         |         | ٠                                      | 4—             | Ц               | L            |                   | 100        | L        |        |              | $\sqcup \bot$   |          | L             | ᆚ            | _        |